## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE      |  |  |  |  |  |
|---------------------------|----------|--------|-----------|--|--|--|--|--|
| FEE DETERMINATION         | ·        | 1.1    |           |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | (-(N.)   | 11     | 2/15/DANI |  |  |  |  |  |
| FORMALITY REVIEW          | XK.      | B28    | 03/08/01  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |        | 051000-1  |  |  |  |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

| [        | Cla   | aim      |          |          | _              | _            | Đa       | ate      |          |           |                    |          |   | Cla             | im       |  |          | _              |          | Da       | te   |   |              |  |          | 1 | Cla            | aim        |          |              |          | Da       | ate      |                    |  | _  |
|----------|-------|----------|----------|----------|----------------|--------------|----------|----------|----------|-----------|--------------------|----------|---|-----------------|----------|--|----------|----------------|----------|----------|--|---|--------------|--|----------|---|----------------|------------|----------|--------------|----------|----------|----------|--------------------|--|----|
|          | Final | priginal | 4/16/64  |          |                |              |          |          |          |           |                    |          |   | Final           | Original |  |          |                |          |          |  |   |              |  |          |   | Final          | Original   | 1        | T            |          |          |          |                    |  | T  |
| ł        | ۳,    | 7        | 7        |          | ╁              | ╀            | ╁        | ╁        | ╁        | ╁         | ╁                  | ₩        |   |                 | <u>위</u> | ᅱ  | $\dashv$ |                | -        | H        | ┢  | -   | ╄            | ╁  | ╁        | 1 | 15             |            | - -      | +            | ╄        | +        | _        | +                  | ╀-                                     | 4  |
| Ì        | _     | 2        | ΥY       | ╁        | ╁              | +            | +-       | ╁        | ┿        | ╁         | ┿                  | Н        |   | ├┤              | 52       | $\dashv$   | $\dashv$ |                | ├─       | ⊢        | ╁  | ╁   | ╁            | +  | ╁        | ┨ | $\vdash$       | 101        | +-       | ╀            | +        | +-       | ╀        | ╀                  | ┼                                      | +  |
| ŀ        |       | 3        | Н        | ╁┈       | ┿              | ╁            | +        | +-       | +        | ╁         | 十                  | Н        |   | H               | 53       | $\dashv$   | $\dashv$ |                |          | ├-       | $\vdash$   | ╁   | ╂            | ╀  | ╀        | ł | $\vdash$       | 102        | +        | +            | ╁        | ╀        | ╁        | +                  | ╀                                      | +  |
|          |       | 4        | Н        | ╁╌       | ╁              | ╁╴           | ╫        | +-       | ╁        | ╫         | ╁                  | ₩        |   | $\vdash \dashv$ | 54       |  | -        |                | -        | -        | ⊢  | ╁   | ╀            | ╄  | ⊢        | 1 | <u> </u>       | 104        | +        | +-           | ╀        | ╀        | ╁        | +-                 | ╄                                      | +  |
| ŀ        | - 1   | 5        | H        | t        | +              | +            | ╁        | +        | ╁        | ╁         | +                  | H        |   | $\vdash$        | 55       | +  | -1       | -              | $\vdash$ | ┢        | ├  | ┝   | ╁            | ╁╌   | ⊢        | ł | $\vdash$       | 105        | +-       | ┿            | ┿        | ╁        | ╀        | +-                 | ╁                                      | +  |
|          | 4     | 6        | H        | t        | +              | ╁            | +        | +        | ╁        | +         | +                  | H        |   | ┝┥              | 56       | -  | $\neg$   | _              | ┝        | -        | ┢  | ╁   | ╁            | ╁  | ⊢        | 1 | $\vdash$       | 106        | +        | +-           | ╁        | ╁        | ╁┈       | +                  | ╁                                      | +  |
| 1        | ,     | 7        | H        | †        | T              | t            | +        | +-       | t        | +         | +-                 | Н        |   | -               | 57       | ┪  | $\dashv$ | _              | -        | ╁╴       | <del> </del>                                     | ┼   | ╁            | ┿  | ╁        | 1 | -              | 107        | +        | ╁            | ╁        | ╁╌       | ╁        | ┾                  | ╁╌                                     | +  |
| Ī        | _     | 8        | H        | T        | t              | t            | 十        | 十        | †        | $\dagger$ | +                  | Н        |   |                 | 58       | $\dashv$   | 一        |                | -        | Н        | ╁  | ╁┈  | +            | ╁╴   | ├-       | ł | -              | 108        | +        | ╁            | ╁        | +-       | ╁        | ┿                  | ╁                                      | ╀  |
| Ì        |       | 9        | Ħ        | T        | T              | †            | ╅        | +        | †        | $\top$    | 十                  |          |   | $\rightarrow$   | 59       | 7  |          |                | $\vdash$ | ├        | H  | 十   | t            | ╁╴   | H        | 1 | $\vdash$       | 109        | +-       | +            | ╁╌       | ╁        | ╁        | ╁╴                 | ╁                                      | +  |
| ı        |       | 10       | П        |          |                | Т            | $\top$   | $\top$   | T        | 1         | t                  | П        |   | $\overline{}$   | 60       | $\dashv$   | 一        | _              | <u> </u> |          | <del>                                     </del> | İΤ  | H            | +  | ├-       | l | -              | 110        | +        | ╁            | ╁        | ╁╴       | ╁        | ╈                  | ╁╌                                     | 十  |
| ſ        | 7     | 71       | I        | Г        |                | T            | T        | 1        | 1        | T         | $\top$             | П        |   | П               | 61       |  |          |                |          |          | $\vdash$   | T   | 1            | T  |          | 1 | $\vdash$       | 111        | +        | ╅            | ╁        | +-       | ╁╌       | +                  | +                                      | +  |
|          |       | 12       |          |          | Γ              |              |          | T        | T        | 1         | Τ                  |          |   |                 | 62       |  |          |                |          | ┌        |  | Т   | T-           | 1  |          | ĺ | $\vdash$       | 112        | _        | $^{\dagger}$ | t        | †-       | t        | $\dagger$          | ╁                                      | †  |
|          |       | 13       | $\prod$  |          |                |              |          |          | Τ        | Т         | Ι                  |          |   |                 | 63       | $\exists$  |          |                |          | Г        |  |   | Г            | Τ  | 1        | ĺ |                | 113        |          | ✝            | T        | †        | 十        | ✝                  | †                                      | t  |
| L        |       | 14       | Ц        |          |                | L            |          | -        | Γ        |           |                    |          |   |                 | 64       |  |          |                |          |          |  | Π   | 1            | Τ  | Г        | 1 |                | 114        | T        |              | 1        | $\top$   | +        | T                  | $\top$                                 | T  |
| - [      |       | 15       | Ц        |          |                | L            |          |          | L        |           |                    |          |   |                 | 65       |  |          |                |          |          |  |   | Γ            |  | Π        | 1 |                | 115        | $\top$   | ✝            | $\top$   | $\top$   | 1        | Т                  | T                                      | T  |
| Ļ        |       | 16       | 4        | <u> </u> | L              | L            | $\perp$  | $\perp$  |          |           |                    | Ш        |   |                 | 66       |  |          |                |          |          |  |   |              |  |          |   |                | 116        | T        | Τ            | 1        | T        | Τ        | Т                  | $\top$                                 | T  |
| L        |       | 17       | 1        | 匚        | <u>L.</u>      | L            | ⊥.       | 1_       | $\perp$  | ┸         |                    | Ш        |   |                 | 67       |  |          |                |          |          |  |   |              |  |          | İ |                | 117        |          | Т            | Т        | 1        | Τ        | Т                  | $\top$                                 | T  |
| ].       |       | 18       | 4        | _        | <u> </u>       | Ļ.           | 1_       | L        | L        | $\perp$   |                    | Ш        |   | $\Box$          | 68       | $\perp$  |          |                |          |          |  | $oxed{oxed}$  |              |  |          | Ì |                | 118        |          | Τ            |          |          | Т        | Т                  | Τ                                      | Τ  |
| ļ        |       | 19       | 1        | _        | ┖              | <u> </u>     | ↓_       |          | L        |           | 上                  | Ш        |   |                 | 69       | $\perp$  |          |                |          | <u> </u> |  |   |              |  |          |   |                | 119        | Т        |              | Π        |          |          | Τ                  | Г                                      | Т  |
|          | _     | 20       | ٧        |          | L              |              | L        |          | L        |           | <u> </u>           |          |   |                 | 70       |  | j        |                |          |          | L  |   |              |  |          |   |                | 120        | Т        |              | Τ        |          |          |                    | Г                                      | Τ  |
|          |       | 21       |          | 匚        | <u> </u>       | L            | ┺        | $\perp$  | L        | $\perp$   | L.                 | Ш        |   |                 | 71       |  |          |                |          |          |  |   |              |  |          |   |                | 121        |          |              |          | T        | Τ        | Т                  | Т                                      | T  |
| L        | _     | 22       |          | L        | <u> </u>       | Ļ            | ┺        | ┺        | L        | ╀         | ļ.,                | Ц        |   | _               | 72       | _  |          |                |          |          |  |   |              |  | L        |   |                | 122        |          | L            |          |          | Ι        | Τ                  | $\Box$                                 | Ι  |
| ŀ        | _     | 23       |          | <u> </u> | ↓_             | L            | _        | ╙        | ┞        | ↓_        | ↓_                 | Ш        |   |                 | 73       | 4  | _        |                |          |          | L  | $ldsymbol{ld}}}}}}$ |              | L  | _        |   |                | 123        |          |              |          |          |          |                    | $\Box$                                 | Ι  |
| ŀ        | -     | 24       |          | <u> </u> | ├-             | ┞            | ╀        | ↓_       | ┡        | ╁         | ┼                  | Н        |   |                 | 74       | 4  | 4        | _              | _        |          | ļ  | <u> </u>  | _            | <u> </u>   | L        |   | <u> </u>       | 124        | ↓        | _            | 퇶        | ↓        | L        | ┸                  | L                                      |    |
| ŀ        | -     | 25<br>26 |          |          | <del> </del> — | ⊢            | ┼        | ┾        | ╀        | +         | +-                 | Н        |   |                 | 75       | 4  | -        | _              | _        | Ļ        | L.   |   | L            | ļ.,  |          |   | -              | 125        | ٠.       | ↓_           | ┺        | $\perp$  |          | $oldsymbol{\perp}$ | 丄                                      | ┸  |
| }        |       | 27       | _        | -        | ┢              | ╁            | ╁        | ⊢        | ⊢        | ╁╌        | ╁                  | Н        |   | _               | 76<br>77 | +  | -        | -              |          |          | $\vdash$   | ▙   | <u> </u>     | ⊢  | _        |   |                | 126        | +        | ╁.           | ┼        | ╄        | _        | ↓_                 | 丄                                      | Ļ  |
| ŀ        | _     | 28       |          | ⊢        | ├-             | ╁            | +        | ╁        | H        | +         | ┼╌                 | Н        | ł | _               | 78       | +  | $\dashv$ | -              |          | _        | $\vdash$   | -   | <del> </del> | ⊬  | <u> </u> |   | -              | 127<br>128 | ╀        | ╄            | ╂        | ╀        | ├-       | ├                  | ▙                                      | ╀  |
| ŀ        |       | 29       |          | -        | ┼              | <del> </del> | +        | ┼~       | ╁        | 十         | +-                 | Н        | ŀ |                 | 79       | +  | -        | $\dashv$       |          | _        | $\vdash$   | ┢   | ├-           | ┢  | ┝        |   |                | 129        | ┿        | ╀╌           | ╀─       | ⊢        | ╁        | ┼—                 | ⊬                                      | ╀  |
| ŀ        | 7     | 30       |          | -        | H              | H            | ╁        | $\vdash$ | $\vdash$ | ╁         | +                  | H        | ŀ |                 | 80       | +  | $\dashv$ | $\dashv$       | -        |          | -  | -   | ┢            | ╁  | -        |   | -              | 130        | +-       | ┼-           | ╁        | ├        | ⊢        | $\vdash$           | ⊢                                      | ╄  |
| Ţ        | Ť     | 31       |          | $\vdash$ | -              | ┢            |          | _        | H        | H         | ╁                  | Н        | ł | -               | B1       | ╅  | -+       | $\dashv$       |          | -        |  | $\vdash$  |              | ┢  | _        |   | -              | 131        | +        | ╁╌           | ┿        | ╁        | ┢        | ┼                  | ₩                                      | ╀  |
|          |       | 32       | _        | _        |                | H            | 1        |          | 1        | 1         | $\vdash$           | -        | ŀ |                 | 32       | $\dashv$   | +        | ~              |          | _        |  | -   | $\vdash$     | $\vdash$   | _        |   |                | 132        | ╁        | ╁            | ╆        | ┼─       | $\vdash$ | ┢                  | ╫                                      | ╁╌ |
| ľ        | 7     | 33       |          |          | Г              |              | $\top$   | T        | 1        | 1         |                    | 7        | 1 |                 | 33       | 7  | -        | ┪              | $\neg$   |          |  |   | -            | $\vdash$   | Н        |   | _              | 133        | +        | 1            | ╁╴       | $\vdash$ | $\vdash$ | -                  | ┢                                      | ╁  |
| ſ        |       | 34       |          |          |                | Г            | ┪        |          |          | 1         | 1                  | П        | ı | 7               | 14       | 7  | _        | $\neg$         |          |          |  |   |              | <del>                                     </del> | -        |   | _              | 134        | +-       | $\vdash$     | ╆╌       | _        | ┢        | $\vdash$           | ┢                                      | ┢  |
| ſ        |       | 35       |          |          |                |              | 1        | Γ        | Г        | Τ         | T                  |          | Ì |                 | 35       | $\top$   | 7        | $\dashv$       |          |          | $\exists$  | $\vdash$  |              | П  |          |   | ${} ightarrow$ | 135        | +        | $\vdash$     | 1        | $\vdash$ | Н        | <del> </del>       | $\vdash$                               | t  |
|          |       | 36       |          |          |                |              |          |          |          |           | Γ                  |          | 1 |                 | 6        |  |          | T              |          |          | П  |   | Г            |  |          |   |                | 136        | $\top$   | Η            | T        | T        |          | H                  | -                                      | 1  |
|          |       | 37       |          |          |                |              |          |          |          |           |                    |          | Ī | [               | 37       | J  |          | ╛              |          | _        |  |   |              |  |          |   | П              | 137        |          | T            | 1        | T        | Г        | Т                  | Г                                      | Г  |
|          | -     | 38       |          |          |                | Ĺ            |          | 匚        |          |           |                    |          | [ |                 | 8        | $oldsymbol{\mathbb{I}}$  |          | J              |          |          |  |   |              |  |          |   |                | 38         | T        |              | Π        | Γ        |          |                    | П                                      | Γ  |
| L        | -+    | 39       |          |          | L              | L            |          | Ĺ        | L        |           | $\Box$             | _]       |   |                 | 39       | $oldsymbol{ol}}}}}}}}}}}}}}} $ |          |                |          |          |  |   |              |  |          |   |                | 39         |          | Γ            | Γ        |          |          |                    |  | Γ  |
| L        | -     | 40       | ┙        |          | L              | L            | $\perp$  | L        | _        |           | $oxedsymbol{oxed}$ |          | [ |                 | 90       |  |          | $ \mathbb{J} $ |          |          |  |   |              |  |          |   |                | 40         | Ι        |              |          |          |          |                    | П                                      | Γ  |
| L        | - 1   | 41       | $\Box$   | _        |                |              |          |          | L        | <u></u>   |                    |          |   |                 | 11       | I  |          |                |          |          |  |   |              |  |          |   | П              | 141        | Τ        |              | П        | Г        |          |                    | П                                      | Γ  |
| L        |       | 42       | _        | _        |                |              | Ш        | Ц.       | L.       | <u> </u>  |                    |          |   |                 | 2        | ]  |          |                |          |          |  |   |              |  |          |   |                | 142        |          |              |          |          |          |                    |  | Г  |
| -        |       | 43       | _        | 4        |                |              | Ш        | L        | _        |           | Щ                  | _        |   |                 | 3        | _  | $\perp$  | _[             |          |          |  |   |              | Ш  |          |   |                | 143        |          |              |          |          |          |                    |  |    |
| F        |       | 44       | 4        |          |                | <u> </u>     | <u> </u> | L        | <u> </u> | _         | Ц                  | _        | - |                 | 14       | 4  | 4        | $\dashv$       | _        | _        |  |   |              | Ц  | _        |   |                | 144        | <u> </u> | L            | L        | L        |          |                    |  | L  |
| F        |       | 45<br>46 |          | 4        |                | _            | $\vdash$ | Н        |          | $\vdash$  |                    | $\dashv$ | - |                 | 5        | +  | 4        |                | 4        | $\dashv$ | _  |   | Щ            | Ы  | 4        |   |                | 45         | 1        | L            | _        | Ц        | Щ        | Щ                  | Ц                                      | _  |
| ┢        |       | 47       | $\dashv$ | -        | $\dashv$       |              |          | Н        | -        | -         | $\vdash$           | $\dashv$ | } |                 | 7        | +  | +        | -+             | -        |          |  | Щ   | Щ            | Н  | 4        |   |                | 46         | ╀        | <u> </u>     | _        | Щ        |          | Ш                  | ᆚ                                      |    |
| <b> </b> |       | 48       | +        | -        | $\dashv$       |              |          | Н        | $\vdash$ |           | Н                  | $\dashv$ | - |                 | 8        | +  | +        | +              | -        |          | -  |   | _            | Н  |          |   |                | 47         | +        | -            | <u> </u> | Н        | _        | $\sqcup$           | 4                                      | _  |
| ┢        | -     | 49       | +        | $\dashv$ | -              | _            | Н        | -        | _        | $\vdash$  | Н                  | $\dashv$ | ŀ |                 | 9        | +  | +        | $\dashv$       | ┪        | -        | $\dashv$   |   |              | Н  |          |   |                | 48         | +        | -            | ┝        | Н        | _        | $\vdash$           |  |    |
| t        |       | 50       | _        | $\dashv$ |                | _            | Н        |          | $\vdash$ | Т         | H                  | $\dashv$ | f |                 | od       | +  | +        | $\dashv$       | ᅱ        | $\dashv$ | $\dashv$   | -   | =            | H  | -        |   | H              | 149<br>150 | +        | -            | -        | Н        | -        |                    | -                                      | -  |
| _        |       |          |          |          | _              | _            | _        | _        |          |           |                    |          | _ |                 |          | _  |          |                |          |          |  |   |              |  |          |   | ш              |            |          | Ь            | Ц.       | ш        |          |                    | ــــــــــــــــــــــــــــــــــــــ |    |

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